1st and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

564310

ial No. ..... Improvement works to roads & drains at 2nd main road Ee

me of Work ..... Other cases Providing drainage in ward No. 20 Ke Nagarbhavi

me of Contractor of nature of Agency ..... M/s KRIDL

te of commencement of work ..... BBMP/EE(E)/DD1420/37-1/2012-13 dtd 28-11-2017

te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Est. cost Rs. 80.0 Lakhs A.S. EE(DD)207/17-18 dt 27/10/2017 T.S. CE/02/236/17-18 dt 31/10/2017		JOB CODE: 014-15-			0000497 -	1878
(1)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 0.5m excavated surface levelled and sides neatly dressed the disposal of to be levelled neatly after breaking of clods complete as per specifications Reference - Estimate Page No. 564 385/1 & 1003		861.60 cum	@ 86.92/m³			Rs. 74890.0
(2)	Providing and laying in position pre mix 1111.5 with ope crush @ 180 kgs with common redressible graded granite metal coarse aggregate @ 0.55 cum and fine aggregate @ 0.57 cum macadam mixed						

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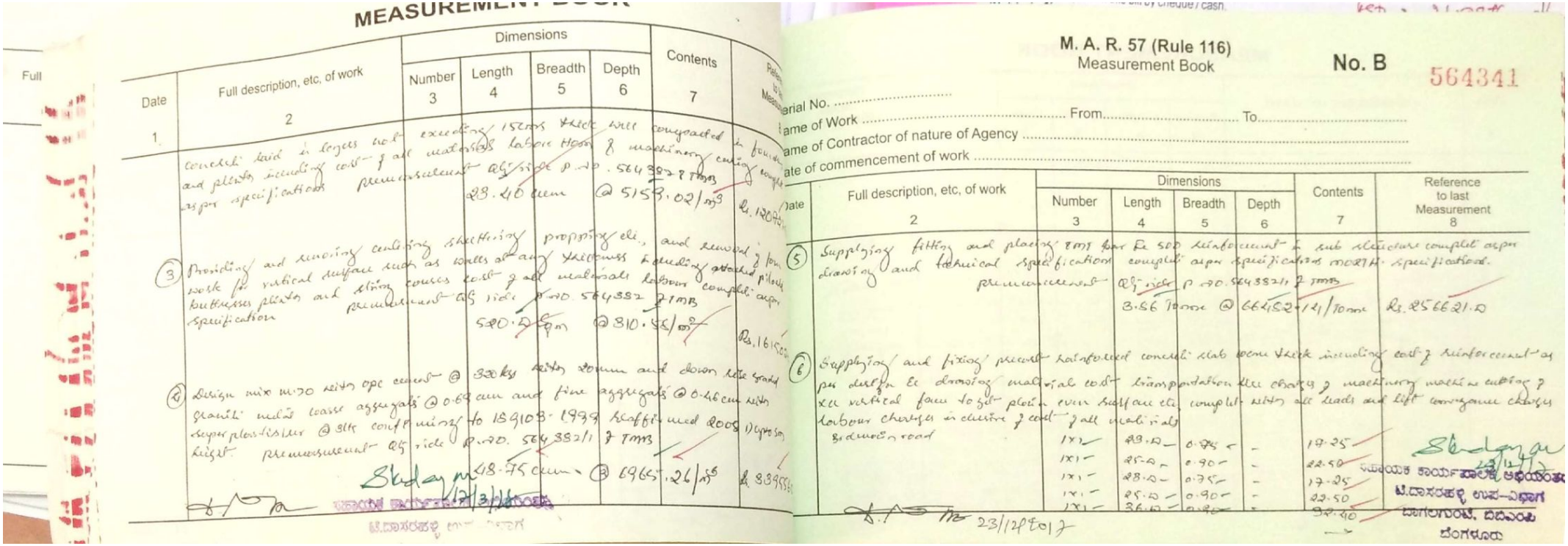


MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1.	2	3	4	5	6	7	

M. A. R. 57 (Rule 116)
Measurement Book
No. B 564341

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8

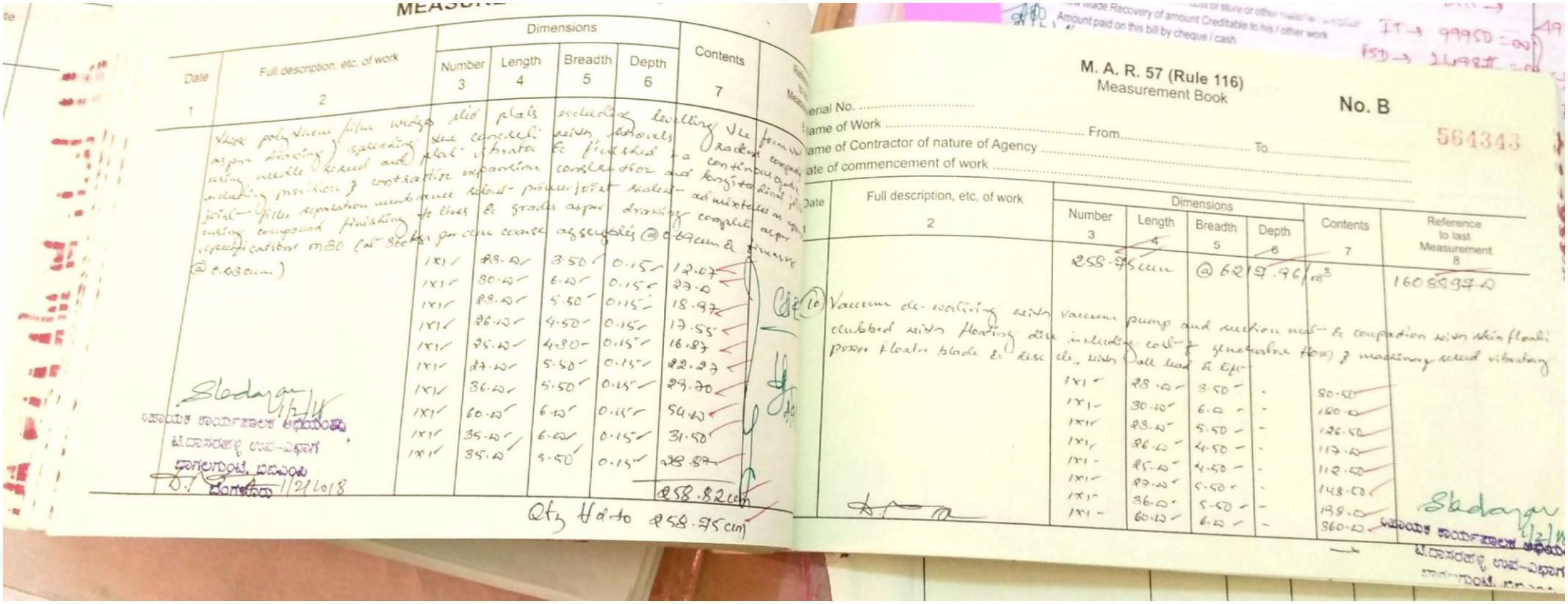
(5) Supplying fitting and placing TMT bar Fe 500 reinforcement in sub structure complete as per drawing and technical specification complete as per specifications NCRTP specifications.
premeasurement QS vide P no. 564382/1 of TMTs
3.56 Tonne @ 66452+12/Tonne Rs. 25662.50

(6) Supplying and fixing precast reinforced concrete slab cover 75mm thick including cost of reinforcement as per design Fe drawing material cost transportation lift charges & machinery machine cutting & cut vertical form to get plain even staff cast etc. complete with all leads and lift conveyance charges labour charges in cluster & cost of all materials
Bidadi road

1X1 =	23.0	0.75	-	17.25
1X1 =	25.0	0.90	-	22.50
1X1 =	23.0	0.75	-	17.25
1X1 =	25.0	0.90	-	22.50
1X1 =	36.0	0.90	-	32.40

23/12/2017

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ದಿಬ್ಬೂರು
ಬೆಂಗಳೂರು



Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	150mm thick polythene filter media slid plats as per drawing) spreading the concrete with needle vibrator including provision of contraction expansion joint — filler separation membrane behind — provide joint sealant — and mixtures as per curing compound finishing to lines & grades as per drawing complete as per specification M30 (wt 360kgs per cum coarse aggregates @ 0.69cum & fine @ 0.43cum)	1X1	29.40	3.50	0.15	12.07
		1X1	30.40	6.40	0.15	27.40
		1X1	29.40	5.50	0.115	18.97
		1X1	26.40	4.50	0.15	17.55
		1X1	25.40	4.80	0.115	16.87
		1X1	27.40	5.50	0.15	22.27
		1X1	36.40	5.50	0.15	29.70
		1X1	60.40	6.40	0.15	54.40
		1X1	35.40	6.40	0.15	31.50
		1X1	35.40	5.50	0.15	28.87
						258.82cum
	Qty Hd to 258.75cum					

Skadargi 1/2/18

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

564343

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		258.75cum		@ 62	9.96/m³		160597.20
10	Vacuum de-watering with vacuum pump and suction mat & compaction with skin floati pump floats blade & disc etc, with all tool & equ	1X1	28.40	3.50	-	80.50	
		1X1	30.40	6.40	-	150.40	
		1X1	28.40	5.50	-	126.50	
		1X1	26.40	4.50	-	117.40	
		1X1	25.40	4.50	-	112.50	
		1X1	29.40	5.50	-	148.50	
		1X1	36.40	5.50	-	198.40	
		1X1	60.40	6.40	-	360.40	

Skadargi 1/2/18

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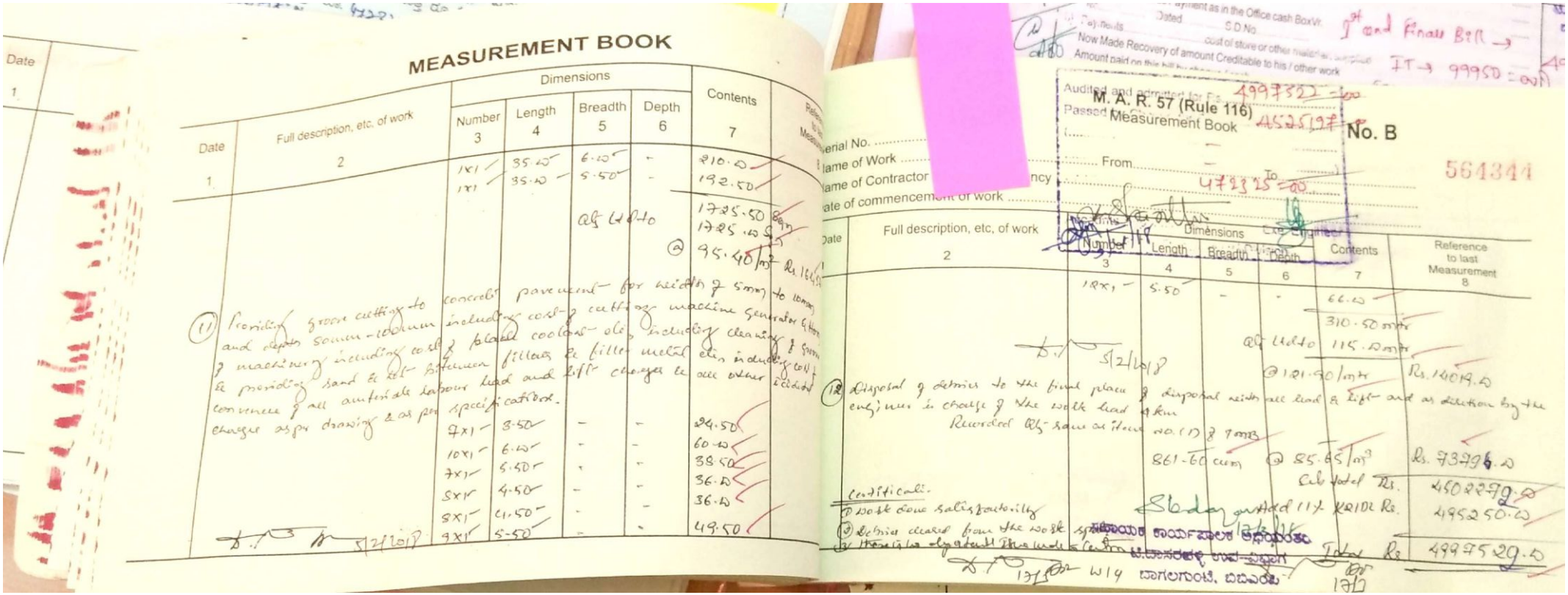

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
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No. B

Date	Full description, etc. of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1.	2	3	4	5	6	7	8
		1X1	35.00	6.00	-	210.00	
		1X1	35.00	5.50	-	192.50	
						1725.50 sqm	
				@ 10%		1725.00 sqm	
					@	95.40/m² Rs. 164,535	
	(11) Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 50mm-100mm including cost of cutting machine generator & tools & machinery including cost of blade coolant oil, including cleaning & grooving & providing sand & tar bitumen fillers & filler metal etc., including all incidental conveniences & all unforeseable labour lead and lift charges & all other charges as per drawing & as per specification.						
		7X1	3.50	-	-	24.50	
		10X1	6.00	-	-	60.00	
		7X1	5.50	-	-	38.50	
		8X1	4.50	-	-	36.00	
		8X1	4.50	-	-	36.00	
		9X1	5.50	-	-	49.50	
		1X1	5.50	-	-	66.00	
						310.50 mtr	
				@ 10%		115.00 mtr	
					@	121.90/mtr	Rs. 14019.00
	(12) Disposal of debries to the final place of disposal with all lead & lift and as direction by the engineer in charge of the work lead 4 km Recorded @ same as item no. (11) & 7 mtr					861.60 cum @ 85.65/m³	Rs. 73796.00
						Sub Total Rs.	4502279.00
						Sladary granted 11%	495250.00
						Total Rs	4997529.00

Certificate:
1) Work done satisfactorily
2) Debries cleared from the work

Audited and admitted for Rs. 4997529-00
Passed for Rs. 4525197-00
From 47323.25 To 561341

1st and Final Bill →
IT → 99950 = 00

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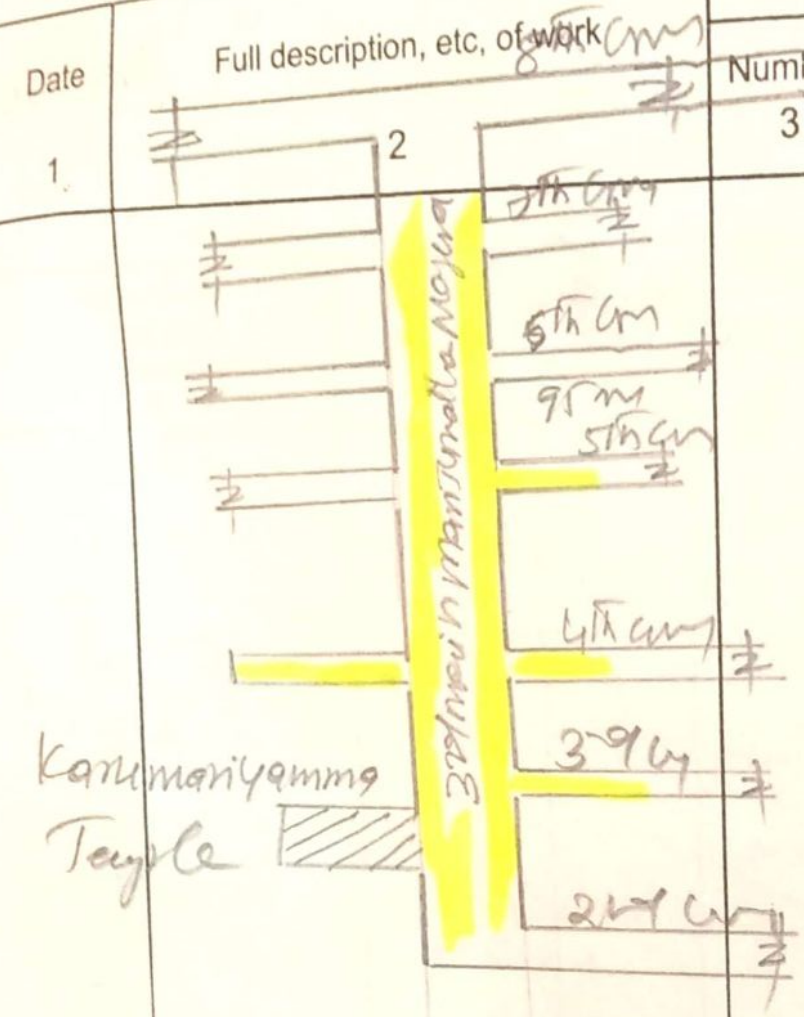

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